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| **Vocabulary** | | |
| diaphragm | MRGREEN |  |
| microscope | excretion | movement |
| eyepiece | cells | Revolving nosepiece |
| Exchange of gases | arm | Fine adjustment knob |
| Objective lenses | characteristics | nutrition |
| tube | Reproduction | life |
| Response | Coarse adjustment knob | Growth |
| stage | Light source | Condenser lens |

Key Ideas

1. What are the characteristics of living things?
2. Name the parts of a compound light microscope?
3. What is the function/job of each part of a compound light microscope?

Review Questions – Answer all work on your own loose-leaf paper.

1. Is a Maple tree a living thing? Explain using the 8 characteristics of living things. Be specific.
2. Is a water fall a living thing? Explain using the 8 characteristics of living things. Be specific.
3. List the 8 characteristics of living things.
4. How should you hold a compound light microscope?
5. What is the function of a coarse adjustment knob?
6. What is the function of a fine adjustment knob?
7. What is the function of an eyepiece?
8. What is the function of an objective lens?
9. Label the diagram on the back.